

Growing Minds Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Growing Minds, 11475 E. Outer Drive, Detroit, MI., on June 10th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Aletha Darby on June 8th, 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist

Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody



APPENDIX 1 Laboratory Results and Chain of Custody

17800 Woodward Ave Suite 200 Detroit, MI 48203

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 356728

6/23/2016

11475 E. Outer Dr.

Source:

Source City: Detroit Source State: MI

Detroit, MI 48203

17800 Woodward Ave #200

G. S. Group

Monica Starks

Date/Time Received:

6/15/2016 15:00

Collected by:

Customer:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed	
1030 Lead	200.8 0.015	Inorganic Analy	tes - Metals 0.001	1 6/10/2016 06:2	5	6/21/2016	

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

James Abston, Operations Manager

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356728

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ANALYTICAL REPORTS

SAMPLE CODE: 356729 6/23/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Growing Minds, S-01-KC-01-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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1030 Lead	200.8 0.015	Inorganic Analy mg/L 0.001	/tes - Metals ND	¹ 6/10/2016 06:2:	5	6/21/2016

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Analyst	Tests						
EC	200.8						

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ANALYTICAL REPORTS

SAMPLE CODE: 356730 6/23/2016

Customer: G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Growing Minds, S-01-BF-02-P

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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		Inorganic Analy				
1030 Lead	200.8 0.015	mg/L 0.001	0.001	1 6/10/2016 06:29	5	6/21/2016

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Analyst Tests
EC 200.8

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ANALYTICAL REPORTS

SAMPLE CODE: 356731 6/23/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Growing Minds, S-01-BF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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	P. M. S.	Inorganic Analy	/tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 6/10/2016 06:2	5	6/21/2016

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SAMPLE CODE: 356732 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Growing Minds, S-01-WF-03-P

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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				Sampled	Prepped	Analyzed
		Inorganic Anal	ytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	0.004	¹ 6/10/2016 06:2	5	6/21/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 356733 6/23/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Growing Minds, S-01-WF-03-F

Source City: Detroit

Source State:MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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1030 Lead	200.8 0.015	mg/L 0.001	0,001	1 6/10/2016 06:	25	6/21/2016

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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077784

356728

Sample Number:

05/20/2016

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF Sold To: G. S. Group For Laboratory Use ONLY Monica Starks Lab Accounting Information: 17800 Woodward Ave Detroit MI 48203 Payment \$: Check #: Lab Comments/Special Instructions: Date Sampled: 6/10/16 Time Sampled: 6:25 Please Use Military Time, e.g. 3.00pm = 15:00 Check Time Zone: DEST CST MST PST Glignt Name: Par Number: PWS ID# (if applicable): State Forms: Sample ID or Source: Lab Sample Information: Source Type: Spring Well Municipal Surface Date Received: 6 115 116 Other: Time Received: 15:00 City & State: Received By: (If Different than Above) Sample receipt criteria checked & acceptable. Sample Collected By Deviations from acceptable sample receipt criteria noted on PSA form Sample Collected By: Form Completed By:

Mational TestingLaboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

Sample Number:

2077784

Order Date: 05/20/2

05/20/2016

356729



Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF Sold To: G. S. Group For Laboratory Use ONLY Monica Starks Lab Accounting Information: 17800 Woodward Ave Detroit Payment \$:_ MI 48203 Check #: Lab Comments/Special Instructions: Date Sampled : 6 / 10 / 16 Time Sampled: 6:25 Please Use Military Time, e.g. 3.00pm = 15.00 Check Time Zone: ☐EST ☐ CST ☐ MST ☐ PST Client Name: Growing Number: 313 - 865 - 7772 State Forms: PWS ID# (if applicable): Sample ID or Source. S-01- KC-61- F Lab Sample Information: Source Type: Spring Well Municipal Surface Date Received: 6 1/5 1/6 Other: Time Received: 15:00 City & State: Received By:____ (If Different than Above) Sample receipt criteria checked & acceptable Sample Collected By Deviations from acceptable sample receipt criteria noted on PSA form. Sample Collected By: Form Completed By:

M National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077784 05/20/2016

356730

Sample Number:

Lead Only

Product:

Sample Paid: No

Payment Method:

Sold To:	TSR: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks 17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
		Check #:
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Number: 313 - 88	5- 7772	
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Sample ID or Source: S.	-01-BF-02-P	
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National TestingLaboratories, Ltd.

Quality Water Analysis

1-800-458-3330

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Order Number: Order Date:

2077784 05/20/2016

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17800 Woodward Ave			For Laboratory Use ONLY
Detroit Ave	6.61		Lab Accounting Information:
	MI 48203		Payment \$:
			Check #:
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Check Time Zone: EST C	ST MST PST		
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Number: 313 _	885-7772		
PWS ID# (if applicable):	NA		State Forms:
Sample ID or Source: 3	01-BF-02-F	L	
Source Type: Spring	Well Municipal C Surface		ab Sample Information:
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City & State: Detroit	Different than Above)	1	Time Received: 15:00
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MATIONAL TestingLaboratories, Ltd.

Quality Water Analysis

1-800-458-3330

Sold To:

General Compliance

Order Number: Order Date:

Sample Number:

2077784

05/20/2016

356732



Product:

TSR: EF

Lead Only

Sample Paid: No

Payment Method:

313-885-7772	
PWS ID# (if applicable):	State Forms:
Sample ID or Source: S-01-WF-03-P	Joh Canada Informati
Source Type: Spring Well Municipal Surface Other:	Lab Sample Information: Date Received: 6/15/1/6
City & State: Detroit M: (If Different than Above)	Time Received: 15:06 Received By: BF
Sample Collected By:	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted
Sample Collected By: (Signature)	on PSA form.
Form Completed By: Mich Effects	

the location Supplied is a School, this is Sample H3,
First dynus.

Mational Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077784 05/20/2016

356733

Sample Number:

Product: Sample Paid: No

Lead Only

	Cample raid:	No Payment Method:
Sold To:	TSR: EF	•
G. S. Group		
Monica Starks		For Laboratory Use ONLY
17800 Woodward Ave Detroit		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 6/10/16		Lab Comments/Special Instructions:
Time Sampled: 6 : 25	a Use Military Time, e.g. 3.00pm = 15.00	
Check Time Zone: DEST CST	MST PST	
Client Name: Growing	Minds	
11975 E	Outer Dr.	
Number: 313-885	oranopularing and Z	
PWS ID# (if applicable):	NA	State Forms:
Sample ID or Source: S-01-	WF-03-F	
Source Type: Spring Well	Municipal C Surface	Lab Sample Information:
Other:	C ourage	Date Received: 6 1 15 1 16
City & State: Betroit	than Above)	Time Received: 15:00 Received By: BF
Sample Collected By:	DK	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted
Sample Collected By: Mich	(Signature) Wal ETHEVS Please Print)	on PSA form.
Form Completed By: M.C.	w thers	
dditional Comments:	11.	
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